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Electronic mail system and method using dynamic ip filtering
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Patent Family:

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KR 2002046269	A	20020620	KR 200229828	A	20020529	200281 B
EP 1300997	A2	20030409	EP 2002254884	A	20020711	200325
US 20030069933	A1	20030410	US 2002193260	A	20020712	200327
JP 2003143182	A	20030516	JP 2002196075	A	20020704	200341
CN 1410924	A	20030416	CN 2002126857	A	20020719	200345

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US 20030069933 A1 G06F-015/16

JP 2003143182 A 8 H04L-012/56

CN 1410924 A G06F-017/60

Abstract (Basic): KR 2002046269 A

Abstract (Basic):

NOVELTY - An electronic mail system and method using dynamic IP filtering is provided to minimize an **E**--**mail** service provider's loss due to **spam** **mail**.

DETAILED DESCRIPTION - If an access request is received from a remote host(110), an E-mail service system searches an **IP** **block** (115) and extracts an **IP** **address** corresponding to the remote host(120). Based on the accumulated access request frequency of the **IP** **address**, the E-mail service system determines the access permission of the remote host(130). The E-mail service system judges whether the accumulated access frequency exceeds a given reference value(135). In case that it is judged that the accumulated access frequency exceeds the given reference value, the E-mail service system interrupts access for the remote host corresponding to the IP address(145). If the accumulated access frequency is less than the given reference value, the E-mail service system judges whether an access nonpermission time has expired(140). In case that the access nonpermission time has expired, the E-mail service system permits access for the remote host(150).

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